

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>H 2195 PCT</b>	<b>FOR FURTHER ACTION</b> <small>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.</small>	
International application No.  <b>PCT/EP 03/13100</b>	International filing date (day/month/year)  <b>21/11/2003</b>	(Earliest) Priority Date (day/month/year)
Applicant  <b>SIMONSSVOSS TECHNOLOGIES AG</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP 03/13100

## Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Safety device for a hand-held weapon (1) comprising a transponder (9) for authenticating at least one authorized weapon user carrying or wearing the Transponder (9) or for authenticating an allowed area for using the weapon (1). The transponder (9) is adapted to emit a wireless preferably cryptified authenticating signal. The Safety device further comprises a safety means (2) for a grip of the weapon (1) which is adapted to be necessarily activated by a hand of the user when the hand is holding the grip (7) of the weapon (1) and which upon activation emits a wireless request signal. The transponder (9) is adapted to emit the authenticating signal upon receipt of the request signal from the safety means (2). The safety means (2) receives and processes the authenticating signal from the transponder (9) and permits firing of the weapon (1) by the user upon receipt of an authenticating signal from the transponder (9) authenticating an authorized user.

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F41A17/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F41A

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2001/032405 A1 (KAMINSKI) 25 October 2001 (2001-10-25) abstract paragraphs '0006! - '0009!, '0013!, '0038!, '0039!, '0041! - '0048!, '0050! - '0052!, '0057!, '0059!, '0068!, '0070! figures 1,2,6A,7	1-13,15, <b>D1</b> 16,18-23 14,17
Y	US 5 192 818 A (MARTIN) 9 March 1993 (1993-03-09) abstract	14
Y	US 6 301 815 B1 (SLIWA) 16 October 2001 (2001-10-16) abstract column 1, line 58 - column 2, line 4 ----- -/--	17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

6 July 2004

Date of mailing of the international search report

14/07/2004

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## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/042332 A1 (GAVAGE ET AL) 22 November 2001 (2001-11-22) abstract paragraphs '0003!, '0005!, '0007!, '0009!, '0012!, '0020!, '0023! - '0025!, '0027!, '0028! figures 1A,1B -----	1-10,12, 23
A	WO 00/65291 A (HEFTI; LAQUILA SA (CH)) 2 November 2000 (2000-11-02) cited in the application -----	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/13100

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001032405	A1	25-10-2001	US 6237271 B1	29-05-2001
			US 5867930 A	09-02-1999
			US 5704153 A	06-01-1998
			WO 0016030 A2	23-03-2000
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			CA 2208732 A1	23-01-1998
US 5192818	A	09-03-1993	US 5537771 A	23-07-1996
			US 5423143 A	13-06-1995
			US 5068989 A	03-12-1991
US 6301815	B1	16-10-2001	NONE	
US 2001042332	A1	22-11-2001	US 6735897 B1	18-05-2004
WO 0065291	A	02-11-2000	EP 1048919 A1	02-11-2000
			AU 3283000 A	10-11-2000
			WO 0065291 A1	02-11-2000
			EP 1171746 A1	16-01-2002